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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Richard A. Mathies et al.

Attorney Docket No.: UCALP020

Application No.: 10/750,533

Examiner: William H. Beisner

Filed: December 29, 2003

Group: 1744

Title: FLUID CONTROL STRUCTURES IN
MICROFLUIDIC DEVICES



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 5, 2007 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22312-1450.

Signed: _____

Valerie Olsen

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The examiner has required that prosecution of the subject application be restricted to one of the following groups of inventions:

- I. Claims 1-15, drawn to a microfluidic structure, classified in class 137, subclass 833;
- II. Claims 16-17, drawn to a microfluidic structure, classified in class 137, subclass 814;
- III. Claim 18, drawn to a microfluidic structure, classified in class 187, subclass 832;
- IV. Claims 19-39, drawn to a microfluidic device, classified in class 435, subclass 288.5; or
- V. Claims 40-44, drawn to a fluid flow control method and device, classified in class 436, subclass 180.

The examiner has found that the inventions are distinct from each other and have acquired a separate status in the art.

The Restriction Requirement is traversed. It is respectfully submitted that claim 1 is generic to claims 16-17, and it is related to claim 18. As such, claims 1-18 should be examined in one application.

As required by and in response to the Restriction Requirement, Applicants elect to prosecute Group I, claims 1-15.

If prosecution of this application can be assisted by telephone, the examiner is requested to call Applicants' undersigned attorney at (510) 267-4106.

If any fees are due in connection with the filing this Response to Restriction Requirement, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. UCALP020).

Dated: 4/5/07

Respectfully submitted,
BEYER WEAVER LLP



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